

XPOL-2 campaign scan sequence modified

Submitted by KumarVijayMishra on Sat, 2013-05-25 07:46

Date:

Saturday, May 25, 2013 - 07:45

Instrument List:

- [Green](#)

Discussion:

1. Starting 20130525-020625 UTC,XPOL-2 is in campaign scan mode.
 2. The campaign scan sequence has been modified as follows:
 - Low EI PPI scan at 5deg/s.
 - Sector stack scan at 5deg/s in Az range 60-200deg from 2deg EI to 8deg EI in steps of 1deg.
 - 2RHIs: 120 deg (XPOL4) and 190 deg (NPOL) Az in EI range 0-40deg at 5deg/s.
 - V-point scan at the end of the sequence once every 8 scan sequences.
 3. XPOL-2 makes measurements at a range resolution of 75 m. For experimental purposes, the radar will periodically collect data in both dual-pulse-pair (default) and pulse-pair mode. Also, range-oversampled (30 m and 15 m) dataset is collected after every 6 scan sequences.
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